

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 – 125 (Canceled)

126. (Currently Amended) A method comprising:

receiving, through a network, a form authored using a form authoring language, the form containing one or more input fields;

parsing the received form to identify the input fields contained in the received form;

providing a graphical user interface to allow identification of one or more actions to be associated with the identified input fields upon subsequent specific submission of a specific instance of the form by a third party, the provided graphical user interface being dependent on the identified input fields;

automatically generating a program code to carry out the actions associated with the identified input fields, wherein no modifications to the input fields of the form are made by the generation of the program code.

127. (Previously Presented) The method of claim 126, wherein the form authoring language is Hyper Text Markup Language (HTML).

128. (Previously Presented) The method of claim 126, wherein the generated program code is a Common Gateway Interface (CGI) program.

129. (Previously Presented) The method of claim 126, further comprising associating the generated program code with the form.

130. (Currently Amended) The method of claim 129, further comprising:

receiving a specific submission of the form from a third party, including data ~~from~~ added by the third party into the input fields; and

executing the program code on the received data from the specific submission of the form from the third party to carry out the actions associated with the identified input fields.

131. (Currently Amended) The method of claim 126, further comprising:

automatically determining whether the generated program code is consistent with the form; and

generating an alert if the generated program code is not consistent with the form.

132. (Currently Amended) A server comprising:

a communications device connected to a network to receive a form from a client connected to the network, the form

authored using a form authoring language and containing one or more input fields;

a memory coupled to the communications device to store the received form;

a parser module coupled to the memory to parse the received form to identify the input fields contained in the received form;

a configurer module coupled to the parser module to create a graphical user interface based on the input fields identified by the parser module, and to provide the graphical user interface using the communications device to allow the identification of actions to be associated with the identified input fields upon subsequent submission of a specific instance of the form by a third party;

a code generator module coupled to the configurer module to automatically generate a program code to carry out the actions identified, wherein no modifications to the input fields of the form are made by the identification of actions to be associated with the input fields.

133. (Previously Presented) The server of claim 132, further comprising a processor, wherein the parser module, the configurer module, and the code generator module are all implemented using the processor.

134. (Previously Presented) The server of claim 132, wherein the form authoring language is Hyper Text Markup Language (HTML).

135. (Previously Presented) The server of claim 132, wherein the generated program code is a Common Gateway Interface (CGI) program.

136. (Previously Presented) The server of claim 132, further comprising a consistency module to automatically determine whether the generated program code is consistent with the form, wherein the consistency module generates an alert if the program code is not consistent with the form.

137. (Currently Amended) A machine-readable medium containing data representing instructions that, when executed by a processor, cause the processor to perform operations comprising:

receiving, through a network, a form authored using a form authoring language, the form containing one or more input fields;

parsing the received form to identify the input fields contained in the received form;

providing a graphical user interface to allow identification of one or more actions to be associated with the identified input fields upon subsequent submission of a specific instance of the form by a third party, the provided user graphical user interface being dependent on the identified input fields;

automatically generating a program code to carry out the actions associated with the identified input fields, wherein no modifications to the input fields of the form are made by the generation of the program code.

138. (Previously Presented) The machine-readable medium of claim 137, wherein the form authoring language is Hyper Text Markup Language (HTML).

139. (Previously Presented) The machine-readable medium of claim 137, wherein the generated program code is a Common Gateway Interface (CGI) program.

140. (Previously Presented) The machine-readable medium of claim 137, wherein the instructions further cause the processor to perform operations comprising associating the generated program code with the form.

141. (Currently Amended) The machine-readable medium of claim 140, wherein the instructions further cause the processor to perform operations comprising:

receiving a specific submission of the form from a third party, including data ~~from~~ added by the third party into the input fields; and

executing the program code on the received data from the specific submission of the form from the third party to carry out the

actions associated with the identified input fields. 142. (Previously Presented) The machine-readable medium of claim 137, wherein the instructions further cause the processor perform operations comprising automatically determining whether the generated program code is consistent with the form; and

generating an alert if the generated program code is not consistent with the form.

143. (Currently Amended) A method comprising:

receiving, through a network, a form authored using a form authoring language, the form containing one or more input fields;

parsing the received form to identify the input fields contained in the received form;

providing a graphical user interface to allow identification of an action((s)) to be associated with one of the identified input fields upon subsequent submission of a specific instance of the form by a third party, the provided user graphical user interface being dependent on the identified input fields;

automatically generating a program code to carry out the actions associated with the identified input field((s)), wherein the program code does not modify the input fields of the form;

receiving a specific instance of the form, including data input into ~~from~~ the input fields; and

executing the program code on the received data from the specific submission of the form to carry out the actions associated with the identified input field.

144. (Previously presented) The method of claim 143 wherein the actions to be performed by the program code comprises:

validating one or more form elements included in the form.

145. (Previously presented) The method of claim 143 wherein the actions to be performed by the program code comprises:

generating one or more quantities based upon submitted values with respect to one or more form elements contained in the received specific instance of the form.

146. (Previously presented) The method of claim 143 wherein the actions to be performed by the program code comprises:

generating one or more licenses in response to the submission of the specific instance of the form.

147. (Previously presented) The method of claim 143 wherein the actions to be performed by the program code comprises:

generating one or more cookies for each user who submits a specific instance of the form for processing.

148. (Previously presented) The method of claim 143 wherein the actions to be performed by the program code comprises:

emailing the contents of the specific instance of the form to one or more addresses specified in response to the submission of a specific instance of the form.

149. (Previously presented) The method of claim 143 wherein the actions to be performed by the program code comprises:

sending an email message to a user who submits a specific instance of the form.

150. (Previously presented) The method of claim 143 wherein the actions to be performed by the program code comprises:

generating one or more responses upon receipt of the specific instance of the form.

151. (Previously presented) The method of claim 143 wherein the actions to be performed by the program code comprises:

preserving a state of one or more fields in the specific instance of the form and passing the state of the one or more fields in the form to a second specific instance of the form.

152. (Previously presented) The method of claim 143 wherein the actions to be performed by the program code comprises:



logging values for one or more form elements included in the specific instance of the form.

153. (Previously presented) The method of claim 152 wherein the values are stored in a database.

154. (Previously presented) The method of claim 153 wherein the values in each submission are stored in a single row of a table, different submissions corresponding to different rows of the table.

155-167. (Canceled)